

SLAM & MicroBooNE

July 5 2016

RunCo and Primary contact info

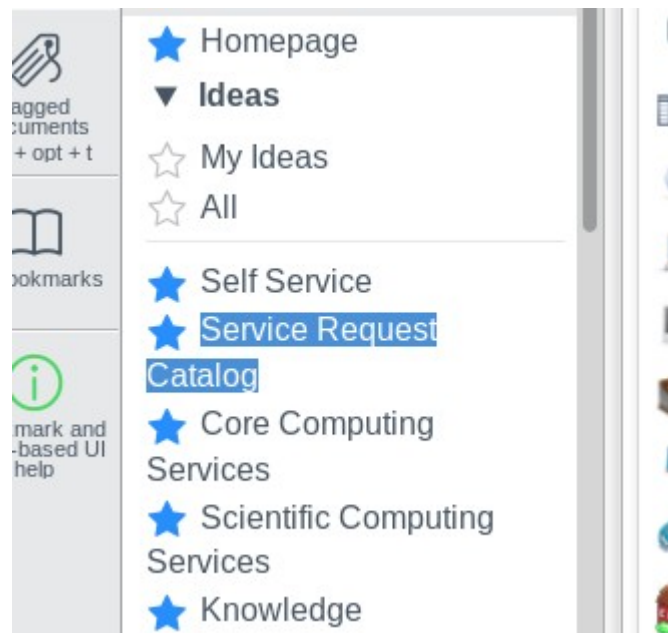
- Matthew Bass
 - Xiao Luo

Experiment News

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Engagement with SLAM Services

Business hours or non critical calls:



Engagement with SLAM Services

[https://fermi.service-now.com/catalog_home.do?](https://fermi.service-now.com/catalog_home.do?sysparm_catalog=e0d08b13c3330100c8b837659bba8fb4&sysparm_view=catalog_default)

[sysparm_catalog=e0d08b13c3330100c8b837659bba8fb4&sysparm_view=catalog_default](https://fermi.service-now.com/catalog_home.do?sysparm_catalog=e0d08b13c3330100c8b837659bba8fb4&sysparm_view=catalog_default)



Engagement with SLAM Services

After hours:

- Call Service Desk at 630-840-2345

SMC Problems

INC000000725914 Hardware Issue - UBDAQ-PROD-SMC
INC000000701561 ubdaq-prod-smc load problems & reboot
INC000000703247 the server ubdaq-prod-smc seems to be no longer responsive
INC000000702108 Hardware Issue - UBDAQ-PROD-SMC
INC000000689443 MicroBooNE's ubdaq-prod-smc Load Problems
INC000000655725 investigate weekly performance problems on ubdaq-prod-smc

SMC Problems

This list isn't complete and doesn't include
check_mk checks

SMC Problems

- Compounding problems including computers apparently under-spec for applications (smc and near2 [there were purchased as part of the original DAB setup])
- Lack of redundancy in disk arrays increases risk of data loss during maintenance
- Need formal coordination between Databases Services and SLAM: we are monitoring with 3 different systems and some escalation paths are not clear
- Why didn't the RAID controller kick the bad disk out
- New infrastructure provides better monitoring

SMC Problems

- 4-port RAID card limits options
- No Battery Backup Unit
- Bad disk may have made things even more flaky

Problem Watch list

The ubdaq-prod-smc issues have been nominated by the ITIL problem coordinators for review and possible investigation.

First remediations

- Extended warranty information imported into Service Now
- Issues are on problem watch list

Next Steps

- Should re-examine hardware setup on SMC, particularly the RAID (currently 4-disk RAID5)
- New controller? New computer?
- New host for Argo?

Disk Server(s)

- Current “large RAIDs” don't have quite the disk I/O to run with open triggers
- Quote from KOI **expected** to perform, but needs benchmarking
- more exotic storage may be required for upcoming experiments

Power Provisioning at LArTF

- Status/plans?

Shutdown Activities

- Any news?

CRT Plans

- Current status?

AOB

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